

HEALTH
HEALING
& RECOVERY



BY MEANS OF
ROGERS VITALATOR
HIGH FREQUENCY TREATMENT

BRITISH MANUFACTURE

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Indirect Treatment with the
No. 12G Saturator Electrode.

HIGH FREQUENCY THE WONDERFUL TREATMENT.

Is Your Safe Guard to Health and Slimming.

See article "Daily Mail," Monday, September 11th, 1933.

72% Blindness Cured.

See article "Daily Express," September 8th, 1933.

My Very First
"Beauty - Doctoring"

By
A WOMAN OF FIFTY

See article "Evening News," February 13th, 1934.

High Frequency treatment has brought Health and Vitality with fresh interest in life and renewed courage that accompany these, to many thousands in every quarter of the Globe

WHAT ARE HIGH-FREQUENCY CURRENTS ?

To put it briefly: the term HIGH-FREQUENCY CURRENTS is the collective expression for electrical alternating-currents which have become high frequency. In an alternating-current we have in a conductor somewhat the following procedure: The electric current begins to flow, becomes increasingly stronger, the strength of the current reaches a definite maximum, then becomes weaker again, gradually diminishing to zero; now a current begins to flow in the opposite direction, which again in its turn rises to the maximum, and again weakens and drops to zero, and the procedure begins afresh. Such a process is called a **period**, and if, for example, 50 such take place in a second, we then speak of a current of 50 periods (per second). Or, we can also say that the current has a frequency of 50 alternations per second. The word **frequency** thus denotes the frequent repetition of the process.

Suppose now the frequency is not, as in our example, only 50 per second, but, say, 100,000 or more, then we speak of a very high frequency, or, briefly, High-frequency. High-frequency currents are thus alternating-currents, the direction of which changes with enormous frequency per second.

When an alternating-current such as described is conducted through an electrolyte and a sufficiently-high frequency is chosen, in the first moment of the alternation decomposition will set in; as, however, the current immediately after changes direction, in the second half of the period this effect is arrested. Now, it is striking that alternating-currents, and especially high-frequency currents, do not have the injurious effects upon an organic body which, for example, continuous current has. Especially with high-frequency currents, very high tension can be used without injurious, or indeed fatal, effects, as happens with alternating-currents of lower frequency with high tension. This immunity from danger in the case of high-frequency is indeed one of the principal reasons for the widespread use of high-frequency for healing purposes.

According to the law formulated by the investigator Nernst, high-frequency currents at a frequency of one million or more per second cause absolutely no further irritation on the tissue of the body. Quite the contrary is the case with **low-frequency** currents, which are designated "Faraday Currents" in electro-medical practice. The latter set up in the body that unpleasant muscle-contracting feeling which we know by the expression "getting a shock." Stimulation of the nerves and muscles through the Faraday current is considerable; consequently, it can only be used in curative treatment for special purposes and cases. On the other hand, the high-frequency current, which reduces the propensity of the tissue to react to stimulation, has acquired for itself increasing confidence among the physical methods of modern curative science.

According to Dr. E. Treibmann, high-frequency treatment shares a further advantage with many physical remedies: It can always be repeatedly applied; neither habituation from frequent use, nor any injuriousness of a local or general character shows itself; it is thus absolutely painless and safe. Similar results to those gained by high-frequency treatment are perhaps obtainable by diathermia, but the former is far easier to apply. For some years the electrical industry has been energetic in putting on the market small, handy and extremely practical high-frequency healing apparatus. These have been of practical use in the hands of the physician and to-day they are to be found in hundreds of thousands of homes.

These instruments are simple, without connection to earth and thus safe in their working. They are set in action simply by plugging in to the lighting-installation.

HOW DO HIGH-FREQUENCY CURRENTS ACT ON THE SICK AND THE HEALTHY ?

The individual effects of high-frequency treatment, which taken together determine the wholesome influence of this treatment upon the human organism, are only partly accessible to our investigation. This is due to some extent to the natural constitution of the body, which forbids exact inspection of the complicated internal processes.

AFTER ALL, THE CHIEF THING IS SURELY THE RESULTS OF THE TREATMENT, rather than its explanation. Indeed, full light has never yet been thrown upon the way in which the working of any medicine whatever is to be regarded.

Leaving, therefore, suppositions and quibblings aside, let us see what results are already definitely accredited to high-frequency treatment.

To begin with, there at once arise through the tiny spark-discharge gases smelling of ozone, the curative value of which is acknowledged.

Then we may mention the HEATING EFFECT, which everyone can test for themselves. As a consequence of this heating, a stronger richness in the blood and an increase in the flow of the lymph are observed near the electrode.

On the other hand, these results, are, however, also produced by direct action upon the blood-vessels. During the high-frequency treatment, there is at first a contraction of the blood-vessels, but afterwards an expansion of them. Also by this means a BETTER FLOW OF BLOOD in the part of the body under treatment is obtained. As, however, there is a continuous circulation of the humours of the body, this local stimulation of the stream of humours must also in the end operate throughout the body, and there follows eventually a lasting stimulation of the total circulation of liquid matter within the organism. Now how does this operate?

The increased and quickened circulation of the humours renders possible an improvement in their addition and removal, a STIMULATION OF THE PROCESSES OF ASSIMILATION. The nutriment taken into the blood and lymph channels is now more quickly conducted to the active organs, and in the same way there is brought about a quicker and more thorough removal of the accumulated and freshly-produced assimilative by-products, the waste matter.

These processes, so significant for all curative treatment, are supported by increasing the accession of oxygen and strengthening the elimination of carbonic acid and urine. That is to say, the high-frequency treatment causes DEEPER AND EASIER BREATHING but without increasing the rate of breathing. Through this influence upon the exchange of gas in the lungs, there is perceived an increase in the taking-in of oxygen and an improvement in the elimination of carbonic acid. The effect upon the kidneys is seen by an INCREASE IN THE DISCHARGE OF URINE.

Finally, however, this wholesome stimulation of the total assimilation through repeated treatment can be still further strengthened by obtaining a slight formation of sweat upon the skin, and in general by promoting the activity of the skin by means of an increased blood-flow. Further, the quality of the blood is improved, and as a consequence, the humours of the tissues will afford healthier conditions also to the nerves, which are the most sensitive tissues of the body.

But the stimulation of the blood circulation also is effected in a purely mechanical way. Troublesome stagnation and stoppages of blood are hindered by the IMPROVEMENT IN THE CIRCULATION, and eventually the pumping action of the heart is also thereby rendered easier.

Easily the circulation of the blood goes on satisfactorily in the more remote parts, the less work has the heart to do in keeping the blood in movement. Beside this indirect RELIEF TO THE HEART, high-frequency treatment also determines directly a strengthening of the contraction of the heart, with a simultaneous retardation of its stroke.

From a consideration of all these effects of high-frequency treatment, there is no limit to its results. It can be appreciated that pains diminish and cease, and it can easily be seen how it promotes healing in cases of catarrh, inflammation and ulcerations. Its tonic effect on the general health, its strengthening of the body generally, especially of the nerves—all this rests on quite material and entirely natural and obvious principles.

The often amazing results of high-frequency treatment are the perfectly natural consequence of its action upon the general working of the body;

it stands in no need of tentative experiments, such as, unhappily, are carried out in some quarters, in ways that are scientifically hardly tenable with Nature's forces of energy; it requires the aid of no "suggestion," nor "imagination."

HIGH-FREQUENCY TREATMENT RESTS UPON PURELY NATURAL PRINCIPLES, IN CONSEQUENCE OF WHICH

**It promotes general good health,
Strengthens the body and the nerves,
cures and prevents disease, and actually
is the handmaid to beauty and sport.**

PROOFS OF THIS ARE INNUMERABLE.

The **ROGERS VIOLET RAY** **HIGH FREQUENCY** *is the very latest of Electrical treatment.*

Injurious or dangerous secondary-effects are not found with high-frequency currents. With reference to the secondary effects of high-frequency currents, Kahane writes as follows:

"The highest importance attaches to experiments with high-frequency currents which show that the human organism can, without injury, take directly enormous charges with this electrical form of energy." Kahane adds: "Rightly applied, high-frequency currents are a very valuable curative means. In the sphere of electro-therapy, high-frequency currents may well claim to be in the front rank for their proved effectiveness and the curative results attainable."

The nature of the manner in which high-frequency currents operate is, according to Prof. Mann, based mainly upon the excitation of a stimulation of the skin, which can be graduated both by the regulating of the supply of current as by the increase or lessening of the distance of the electrode from the part of the body under treatment. In addition, by a kind of diathermising in the tissue, there is brought out a self-generated heat as a therapeutically effective force. Finally, as a consequence of high-frequency treatment a fine strong flow of blood through the tissue treated is perceptible.

WHAT IS THE VERDICT OF SCIENCE ON HIGH-FREQUENCY TREATMENT?

WHAT DOES THE DOCTOR SAY?

In the preceding paragraphs general effects of high-frequency treatment have been explained. Let us now, within the limits of the space available, add the testimony of a number of doctors to the results they have obtained with high-frequency treatment. We are here giving extracts from medical books, professional periodicals, etc., regarding experiences and attested results in the sphere of high-frequency treatment. These extracts, in spite of the fact that they can only be printed here in the most abbreviated form, will be able to speak more loudly to the reader and establish his confidence in this treatment more firmly, than any number of words or lengthy articles by persons less expert in this matter could do.

Let us, then, hear the voice of the physician:

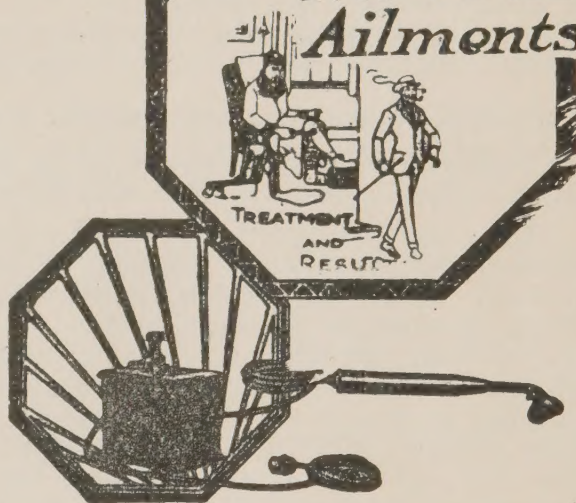
Prof. Ludwig Mann, publishes in the "German Medical Weekly" (Vol. 51, No. 14) a long discussion of the character of high-frequency currents and their therapeutical use in medical practice.

Beside certain skin-diseases and mucous skin-disorders, which he considers as suitable for high-frequency treatment, the author refers particularly to the large field of diseases of the nervous-system, where he regards this method of treatment as most promising. **Surprising successes give proof of this.**

The treatment of nervous disorders by high-frequency currents.

With reference to the treatment of nervous disorders, **Prof. Mann** argues as follows: It may be applied as an alleviating medium for superficial skin-irritations, itching, asthesia, neuralgic pains, hyperasthesia of the skin, etc., and in such cases, the procedure is to put the electrode on firmly or take it off only a very little, so that merely a warming effect, or at most a quite faintly-appreciable stimulation, is felt. With neuralgic and similar pains, which proceed from more-deeply placed nerves, stronger stimulation can be applied, with spark transmission in the region of the diseased nerve-roots or of the parts of the skin attaching to them. The treatment is very appropriate with all vascular-motor neuroses in which cases a moderately strong skin-stimulation can be applied. This has, in conjunction with the warmth produced, a repeatedly regulating action on the peripheric circulation, and along with this also gives subjective relief. Migraine may be mentioned in this connection.

Successful Home Treatment for Nervous Ailments



The influence of high-frequency currents upon the circulation (according to Prof. Mann).

It is probably also to be ascribed to its **influence upon the circulation**, that after high-frequency treatment consisting of massaging the extremities and the back, etc., with the electrode with slight spark-transmission, many patients feel themselves strongly stimulated. Such treatment can therefore be announced as eminently applicable for every condition of debility, whether of nervous or any other character. Similarly, it is justifiable, in cases of disorders proceeding from the internal organs (such as neurosis of the heart, stomach neurosis, etc.), when these disorders are functionally restricted and accompanied by all kinds of unpleasant sensations, to treat the parts of the skin corresponding to the organs with mild high-frequency currents with the condensor electrode, starting with a draining action and regulating the circulation. This treatment often gives favourable results, especially with heart neurosis.

High-frequency currents in Trigeminal-Neuralgia.

(By **Dr. W. E. Sommerville**, of Glasgow, in the "British Medical Journal," Dec. 1921).

The author discusses the distrust which a considerable number of physicians still have against high-frequency treatment, and urges that high-frequency currents are admirably suited for treating the various forms of **neurosis and neuralgia**. In support, **he refers to a case of trigeminal-neuralgia**, which he treated intermittently from November, 1911, to June, 1912. By then the neuralgic pains had disappeared and up to November, 1912, when the author last saw the patient, had not returned. The author had treated with high-frequency many more such cases of more or less painful neuralgia, and in most succeeded in obtaining complete cure.

Arthralgia, rheumatism, and sciatica disappear.

Professor Hirsch, physician, of the Berlin Infirmary, writes in his work: "Therapeutical Handbook of Electro and Radiation Therapy," as follows:

Local (high-frequency) treatment has an alleviating effect in cases of neuralgic pains, rheumatic myalgia (muscular rheumatism), incipient arthritis (articular inflammation). Many sufferers from neuralgic and myalgic disorders feel the alleviating effects as soon as the treatment is applied. (High-frequency) local treatment has proved itself extremely serviceable for such neuralgic disorders as sciatica, neuralgic lumbago (loins), abdominal neuralgia (stomach), trigeminal neuralgia (face) and occipital neuralgia (back of the head). The treatment has a very favourable effect upon myalgic affections of the shoulder and loin muscles, which are so frequent, as also upon arthritis of the joints of the shoulder, hand, and foot. From personal observation, haemorrhoids may be treated with very good results through the duct-contracting effect of high-frequency heating. Before every operation for haemorrhoids, this local treatment with high-frequency currents should be tried, as the treatment is absolutely harmless, very promising, and causes little inconvenience to the patient.

Successes with electric ozone-inhalation in cases of consumption.

Dr. van Doren writes: "My successes with electric ozone treatment for tuberculosis and allied maladies might really be described phenomenal. All the cases which I treated in their early stages ended in positive cure. Even a few desperate cases were able to be saved by ozone application, as has also been in the case in such ailments as Asthma, Bronchitis, Lung and Chest Troubles, etc. The effects obtained by use of violet rays are only curative and never injurious."

High-frequency currents a remedy for headache and neuralgia.

Professor Kowarschick: The pain-reducing effect gives the high-frequency current indications of cure with the most varied nerve and muscle pains. In the same way, good service is rendered in cases of nervous headache, neuralgic pains, etc. Many complaints of this nature which have been entirely unaffected by other methods of treatment have been helped and healed by local application of the high-frequency current.

Prof. G. Peritz: Of all electrical methods of treatment recommended for headache, high-frequency has in my experience proved itself the best. When I use it, I take one electrode in my hand and with the other hand apply the high-frequency to the skin of the head, temples and neck.

Relief to internal organs.

Dr. Rumpf writes: General treatment of the body by surface radiation affords relief to the internal organs, imparting a sense of freedom to lungs, bronchial tubes, heart, liver and other parts. In cases of bronchial asthma, results are obtained by this therapy, using local and general application, which other methods only gain with difficulty. Almost every sufferer may look for good results from this therapy.

HEALTH IS WEALTH

Dr. Noble M. Eberhart in his *Manual of "High-Frequency Currents,"* deals with the beneficial results obtained by using Ozone.

Tuberculosis.

"Ozone is especially effective in consumption and if I could have only one remedy I would prefer to take my chances with Ozone. It must not be limited to inhalations at the physician's office; but the air of the patient's room must be thoroughly ozonised, so that he or she is constantly getting a suitable amount in the air they breathe. If they can only respire one half as much air as formerly but that amount by reason of the Ozone is twice as powerful in oxidising properties, the proper balance is maintained."

Bronchitis and Catarrhal Deafness.

"Here Ozone is again clearly indicated, the preferable method being ozonisation of the air in the room where the patient sleeps or works."

Pneumonia.

"In addition the Inhalation of Ozone by ozonising the air of the room is absolutely essential and always should be employed from the start."

Pleurisy.

"Chronic forms call for Ozone."

Hay Fever.

"Inhalations of Ozone are of even greater importance or better still, ozonising the air of the room."

Copy of Letter published in "The Daily News," March 16th, 1923.

OZONE IMPROVES HEALTH

From Sir Richard Paget, Bart.

Sir,—The remarks on this subject, which appeared in "Under the Clock" in your issue of the 13th, whilst undoubtedly true as to their facts, may give a mistaken idea as to the utility of pure ozone when administered in the right proportions. I was recently at a large hospital in the North of England where a patient suffering from a severe attack of lupus had been living in a highly ozonized atmosphere for six months. The effect was extraordinary. The patient's general health had greatly improved, and the lupus sores, which had previously covered a large part of the patient's body, had almost all healed up.

I was informed by the medical staff that similarly successful results had been obtained in the case of open wounds and glandular tuberculosis, and that the general health of the patients in the wards supplied with ozonised air had considerably improved.

R. A. S. PAGET.

East India House, W.C.

Sleep better after high-frequency treatment.

Professor T. Cohn: I gladly acknowledge, that in addition to the improvement in sleep effected, which I found took place the very first time I used the treatment, I also obtained very favourable results with certain itching skin-affections; further, pains of a neuralgic nature were in many cases strikingly reduced, and, finally, with pre-sclerosis and other pathological increases in blood-pressure, both objective and subjective improvement may be looked for.

The high-frequency current a compensating medium for strengthening the body.

Dr. Monnel (in "The Truth about High-Frequency") writes: "The tonic effect of the high-frequency current upon fagged nerves and muscles has established its reputation as the ideal treatment for states of exhaustion. We have observed the effect of violet-ray treatment on tired-out workers and worn-out people in responsible positions, and we have confirmed that already after a three minutes' application these people were re-invigorated and felt themselves re-strengthened by the treatment."

Dr. C. Murray writes: "High-frequency currents produce an adjusting and vitalising process in the human body, and the widest popularity is to be expected and desired for this method of treatment."

Sure results with self-treatment.

In the weekly periodical, "Clinical Medicine," we read the following regarding high-frequency appliances: "The invention so promising for the future, of small portable high-frequency appliances, removes the difficulties occasioned by large machines. It is now possible for the doctor to prescribe this treatment to be used by the patient at his own home. The new small appliances are excellent and 100% effective. With the help of the introductory booklet accompanying the machine, the sufferer can easily carry out the radiation on himself with sure results."

Dr. F. Strong writes: "In contrast with many electro-therapeutic methods, these rays can be applied by the patient with the utmost safety. I am convinced that this successful method will become general."

Always remembering many ailments are due to unsuitable mode of living, High-frequency or any other form of Treatment cannot improve matters until the Violation of Natural Laws ceases.

If only every member of a Family will treat themselves daily for three minutes night and morning the general state of health of the community would be greatly improved, as has been proved in hundreds of instances.



Roger's Ozone Inhaler replenishes the blood with quantities of oxygen and gives increased vitality to the system, and is invaluable to sufferers from Catarrh, Asthma, Bronchial and Lung Troubles.

INTRODUCTORY REMARKS ON HIGH-FREQUENCY TREATMENT FOR THE SICK AND THE HEALTHY

"High-Frequency, considered in its multifarious applications, represents as a whole an incomparable healing-process for general strengthening of the nerves and mental processes; it builds up and nourishes the muscles and the blood; it destroys all unhealthy, extraneous and noxious substances, and is a physiological stimulant for the whole human physical system." Dr. Monnel.

That surprising successes are obtainable with high-frequency is confirmed by doctors who make a serious use of high-frequency in large practices. It is, of course, impossible within the limits of this pamphlet to discuss high-frequency treatment exhaustively and to present a complete exposition of its manifold successes. We must rather confine ourselves to giving here only brief introductory remarks regarding the treatment of diseases and complaints, the course and curing of which can be favourably affected by high-frequency treatment.

Anyone who has tested the effectiveness of the high-frequency treatment, and has become familiar with the apparatus, very quickly discovers the many and varied possibilities of its use. Above all, a strict rule must be made of the punctilious observance of a regular course of treatment of three minutes night and morning.

Thus the possession of a high-frequency Vitalator will bring relief, healing and recovery, and be a cause of rejoicing. The outlay will not have been made at the instance of some passing advertisement, but the money spent will bear manifold interest in the coinage of

health, fresh vigour, and new courage to face life!

IDEAL HOME ELECTRICAL APPLIANCES LIMITED.

GUARANTEE VITALATORS for a period of 12 months from the date of purchase and will be repaired free of charge should they break down under fair wear and tear within the period named, always providing the Vitalator has been used in accordance with instructions and has in no way been tampered with.

NOTE.—Electrodes are not guaranteed for any specific period. In the event that a Vitalator requires attention under Guarantee (mark Dept. "C") or otherwise (mark Dept. "P.D.") same should be returned carriage paid to our Factory, 45 Great Ormond Street, Southampton Row, London, W.C.1, and include 1/6, the cost of packing and return carriage.

General remarks on High-frequency Treatment.

The Vitalator is simple, and safe, and its use is positively beneficial and without slightest ill effect, and can be used for self treatment with every confidence even the first time, and where convenient should be used in the Bedroom. Generally it will be found pleasant to start with a weak current, and increase as desired, in this respect each person must be guided by their own sensitiveness, and it must not be assumed that the stronger the current the better the results, this is not so, it should only be used at a strength that can be comfortably borne, and happy results will soon follow.

*Enthusiastically adopted by:
Electro-Theraputists, Physicians, Dental Surgeons,
Hospitals, Nursing Institutions, etc.,*

On account of which the Vitalator is acknowledged to be the World's Greatest Rejuvenator.

Prices range from as little as £3 15s. 0d. When ordering, please specify voltage.

In districts where Electric Current is not available, Vitalators can be supplied from 4-6 volts and up to 50 volts to work off a Private Electrical Plant or Accumulator, namely Type "S.Acc" in Mahogany Carrying Case. Four Electrodes. Price complete.

£7 7s. 0d. Accumulators, 6 volt 100 amp., 50/- extra.

Be wary and discreet, do not be influenced to purchase what pertainingly in appearance may look like a Rogers High-frequency Vitalator, none are genuine without a replica of this Name Plate:—

SATISFACTION
GUARANTEED

ROGER'S
ELECTRO MEDICAL
APPLIANCE
VIOLET RAY HIGH FREQUENCY
VITALATOR

BRITISH
MANUFACTURE

DIRECTIONS

FOR APPLYING

HIGH-FREQUENCY TREATMENT

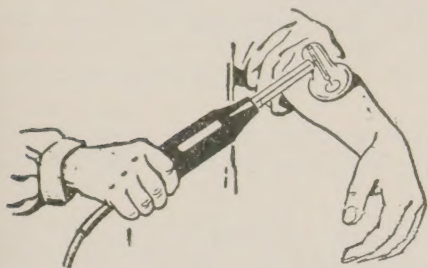
To put it briefly, the nature of high-frequency treatment consists, firstly, in the production of heat by the current, especially when the electrode is placed upon the body; secondly, by means of the sparks which are thrown off when the electrodes are held at a distance from the surface of the body, special psychological curative effects are set up; thirdly, by indirect treatment the high-frequency currents may be directed through a second person to any part of the body desired; fourthly, by means of high-frequency, applying electrodes shaped specially for the purpose, disfigurements on the skin can be removed, and thus destruction of tissue be effected without bleeding; fifthly, the flow of rays by high-frequency currents can be imparted to the whole body by general charging with the No. 12G saturator electrode; and, sixthly, when the high-frequency currents pass into the air ozone gas is given off, which can be used for healing purposes by ozone-inhalation through No. 15 electrode specially prepared for this purpose. Thus, one after another, six fundamental methods of applying high-frequency treatment have been established.

Note.—Correct method of holding Electrode when inserting into the Handle.



1. Treatment by contact. (General form of treatment).

Treatment by contact, the most frequently applied form of radiation, is direct high-frequency treatment, in which the high-frequency current acts from the electrode in close contact with the skin, i.e., by placing the electrode firmly upon the skin and making slow stroking movements with it: (a) in the case of external parts to be treated, directly upon them: or, (b), when internal parts are under treatment, by means of special electrodes. Both in (a) and (b) the high-frequency current is applied directly to the parts under treatment.



Note.—Illustration for correct position and holding of Vitalator Handle, which should always be held at the bottom end.

(a) **External Treatment.** This is applicable for removing all kinds of pains of a general character, neuralgic affections, rheumatism, sciatica, and similar complaints. Also for beauty and general physical culture, for smoothing and revivifying the skin, for the strengthening of muscles and nerves, for attacking indigestion and constipation, and for various abdominal disorders, etc.

(b) **Internal Treatment.** This is carried out with special electrodes which can be inserted into the apertures of the body: for nose, ears, anus, vagina, urethra (in the case of the latter only by the doctor). Such treatment has often shown amazing results. Thus, for example, certain chronic affections of the nose, neck, and throat, and many others are relieved in this way. In most cases of internal treatment, the particular electrode used is previously oiled and then carefully inserted. Then, and not before, the current is turned on and increased gradually. During the insertion no active movement should be made, as such movements might cause the electrode to break. Insertion into the anus is most conveniently made when the patient is lying on his side with knees drawn up and is breathing deeply through the open mouth. The bowels should have been previously emptied either naturally or by means of an enema.

2. Discharge of Electric Aigrettes.

(a) **In loose contact with the skin** (short distance away from the skin). Specially beneficial effects can be obtained by aigrette discharge, in which the electrodes are not brought into direct contact with the skin, but are held away from the skin, the distance varying according to personal sensitiveness, and the current is emitted in the form of sparks. In this way, we receive, in especial, a very beneficial skin-stimulation, and the increased accession of blood in the skin thus achieved is soon evident by its favourable influence on the underlying organs and on the local blood-circulation.

(b) **Through interposed cloth** (folded cloth, about $\frac{1}{2}$ in. thick). In order to retain more definitely the advantageous heating effect on the skin, the discharge can be passed through a dry linen (or, preferably, woollen) cloth folded two or three times. One special advantage of this method of treatment is that a still stronger skin-stimulation is brought about, with corresponding good effect upon the more deeply underlying organs.

3. Fulguration.

Fulguration is the sudden, sharp discharge of the high-frequency current upon the spot under treatment through the cautery electrode, into the tip of which is a small wire. The discharge has tissue-destroying effects, resulting in the removal of disfigurements on the skin, such as pimples, blackheads, warts, freckles, corns, proud flesh, etc.

The cautery electrode has a detachable glass tube over the small wire. During the treatment this tube is so adjusted that the fine point of the wire is withdrawn a small fraction of an inch behind the upper aperture of the sheath. The glass sheath is placed upon the spot under treatment and then the current is turned on.

The current is first put on so gently that a very weak but uniform stream of sparks is applied to the spot treated.

The bad spot which it is desired to remove is now treated for a short time until it turns whitish, a sign that the skin-tissue is destroyed. If there are bigger formations, then various spots in them are treated. With fulguration treatment, no bleeding or wounds take place, as in other methods, also the forming of scars is avoided.

4. Indirect self-charging treatment.

The procedure with this treatment is as follows: The person under treatment takes the No. 12 saturator electrode in the hand, and the current is then switched on.

Indirect treatment is certainly the most successful and effective means of raising the general state of Health. It stimulates the Cells and the circulation of the humours into more vigorous activity. It causes general re-energising, strengthening and revival of the cell tissue, as well as improving the Blood and facilitating the circulation of the Blood. As the body is charged with High-Frequency Current, it imparts a feeling of vigour, strength and comfort and is used in the above form with very beneficial results in all cases of Nerve Ailments, Debility, Exhaustion, Blood Pressure and Heart Troubles.

In cases of Dislocations, Swellings, etc., where hand massage would improve matters, the Patient holds the No. 12G Saturator Electrode in the manner above described, and a second person now carries on the treatment by massaging or stroking lightly with the hands the afflicted parts requiring treatment. The High-Frequency force is conducted to and in the body of the Patient everywhere where the Operator places his hand.



Note this illustration for correct method of holding No. 12G Saturator Electrode for indirect treatment.

5. Ozone-Inhalation.

Ozone-inhalation is carried out with a special electrode, the ozone-inhaler. Inhalation of ozone has produced remarkable results and cures in cases of incipient lung-trouble, throat ailments, bronchial asthma, catarrh, nasal and middle ear deafness and other afflictions.

To use the inhaler, pour a little Pine Oil on to the cotton wool, insert the electrode into the Vitalator handle, as any other electrode, and take hold of the middle of the inhaler with the left hand. With the right hand, pump air through the ozone and oil chamber of the inhaler by means of slow and uniform pressure of the rubber-bellow. The mixture of oil-ozone being pumped out through the nasal or mouthpiece of the electrode is now slowly and deeply breathed in. Begin the treatment, taking from 5 to 8 breaths, adding to the number gradually. For inhaling it is best to use the special Pine Oil provided; slow, calm inhaling brings best results, the respective Nasal or Mouthpiece should be used close up, but not inserted into the nose or mouth. Mixing of the Ozone with the above mentioned Pine Oil is necessary, because pure Ozone has a corrosive effect upon the mucous membranes, while in combination with the inhalation Pine Oil, the mixture has a relieving and soothing effect.

ROGERS VITALATOR *for ALL AFFLICTIONS of the EAR*

Instant relief afforded in cases of Catarrhal Deafness, Earache, and Chronic Middle Ear Affections. In many instances the Roger Vitalator Treatment has cured Deafness.

VIOLET-RAY VITALATOR FOR SPORTSMEN

Muscle and Joint Troubles. Surprising results are obtainable with the Rogers' Violet Ray Treatment, and Athletes, out to achieve fame, should not fail to use a **Rogers Vitalator** daily during their course of training.

Pains disappear, blood is purified, proper circulation is established, vital organs are stimulated into normal action, and thus the impurities in the system are carried off.



ROGERS VITALATOR *for* ATHLETES *and* SPORTSMEN

DISEASES OF THE BODY AND THEIR TREATMENT.

In all of the following ailments a little of the special Lubricant should first be used on the afflicted parts before applying electrode.

Among diseases of the organs of movement, changes in muscles and joints are peculiarly susceptible to high-frequency treatment; diseases of the bony framework of the body are not all suitable for self-treatment with high-frequency.

RICKETS. This disease is chiefly caused by heredity, malnutrition, and the child's unsuitable conditions of life. The treatment of a disease like this must first deal with the removal of its unsuitable circumstances. The first things to be provided are: a good deal of vegetables and fruit, especially in uncooked form; not much meat and eggs; plenty of air and sun baths. The high-frequency treatment consists of radiation movements over the whole body with the surface-electrode twice daily, for 3-4 minutes night and morning.

ACUTE ARTICULAR RHEUMATISM, a very painful, feverish disease, passes from one joint to another, first attacking the limbs. Little liquid only to be taken. Food to be dieted. High-frequency treatment as follows: first, careful radiation of the painful places with the skin-surface electrode, twice daily for 3-4 minutes, using medium current. Later, more energetic treatment with the condensor or the nerve-brush. Occasional indirect charging of the whole body.

ACUTE ARTHRITIS arises generally through excitation of tuberculosis, gonorrhoea, syphilis, or it can arise from gout (see later), or as a consequence of blood-poisoning. In addition to the treatment of the original disease prescribed by the doctor, radiate the inflamed joint and the part round it twice daily for 3-4 minutes with the surface electrode, using first weak current and later medium strength. When the symptoms die away, continue the second treatment by using massage-roller.

CHRONIC ARTICULAR RHEUMATISM can occur in conjunction with acute articular rheumatism, or also be due to catching cold or getting wet through. Treat the joints attacked vigorously twice daily for 3-4 minutes with the condensor electrode, using medium current. In addition, treat the immediate neighbourhood of the joints once daily for 3-4 minutes with the massage-roller electrode. Help the return to full mobility by frequent movements, taking care not to put too great a demand upon the joints.

OTHER CHRONIC FORMS OF ARTHRITIS go with stronger discharges of liquid into the cotyles. In their further course, movements are more severely restricted. The cause often lies in a push, fall, or over-exertion, or is due to infection. The high-frequency treatment is the same as for chronic articular rheumatism.

BRUISES are harmless injuries which lead to local blood haemorrhage, and are painful when pressed. Apply damp compresses. For the first few days treat the discoloured or swollen parts of the skin twice daily for 3-4 minutes with the surface electrode, with medium current; later massage-roller.

SPRAINS. First set the injured part immediately in a comfortable position and bind a wet cloth firmly round the joint. The high-frequency treatment quickens recovery and speedily alleviates the pain. Radiate carefully the painful parts twice daily for 3-4 minutes with the surface electrode, medium current. Should there be a suspicion that a tendon is torn or even a bone broken, the doctor must be sent for at once.

DISLOCATIONS are to be recognised by the altered shape of the joint. Appropriate setting of the bone must be immediately undertaken. After this, the joint must be made comfortable with a damp bandage for a few days; then begin to treat the injured joint and the part around it slowly and carefully by light massage with the surface electrode 2 or 3 times daily for 3-4 minutes, using medium current.

MYODYNIA. This may be a matter of diseases of the nervous system, or of the blood vessels, or anemia, etc. The painful part is radiated twice daily for 3-4 minutes with the surface or condensor electrode, and once daily with the massage-roller for about 5 minutes; medium current.

ACUTE MUSCULAR RHEUMATISM arises from similar causes as articular rheumatism and is similarly treated.

LUMBAGO is a form of rheumatism of the loin muscles. Treat as for rheumatism.

TORTICOLIS is rheumatism of the neck muscles. Treatment twice daily for 3-4 minutes with the neck electrode, using current of medium strength; then for a further few days with the massage-roller.

CHRONIC MUSCULAR RHEUMATISM is much more obstinate. The pain varies in intensity. Hard nodules, very sensitive to pressure, can often be felt in the muscles. Particular attention must be paid to these in the high-frequency treatment. Radiate them 3 times a day for 3 minutes with the massage-roller, and in addition devote 3 minutes each time to radiating the surrounding parts; with No. 1 surface electrode using medium current.

MUSCULAR DIASTROPHE can occur as a result of inordinate demand upon a muscle and of clumsy movement. Put on a damp bandage and nurse the muscle. Healing is accelerated by high-frequency treatment, which must be undertaken 3 times daily with medium current. Pass the surface electrode with light stroking movements over the injured spot for 3-4 minutes each time.

MUSCLE OVERSTRAIN, following on physical exertion, is treated before going to bed and on arising for 3-4 minutes with the massage-roller; medium current.

General treatment of upper part of the body with the massage-roller.



UNUSUALLY OBSTINATE RHEUMATISM, SCIATICA, etc., are combated still more energetically than in the methods of treatment described above, by means of the condensor electrode, or the nerve-brush. In other respects, manner and duration of treatment as above.

2. Diseases of the brain and the nerves.

Of the diseases of the brain, only such are here discussed as lead to a limitation of physical activities. Psychical and mental derangements attack the manifestations of the soul and the understanding, and such sufferers need above all psychical treatment; they require suitable attention and supervision.

ANÆMIA OF THE BRAIN may be produced by any occurrences leading to a decrease of the total quantity of blood, such as severe loss of blood, etc. The high-frequency treatment consists of radiating the body, in a recumbent position, with the surface electrode for 3-4 minutes with medium strength, especially the neck and nape, and further the chest and upper part of the back.

FAINTING may occur in consequence of nervous over-excitation, such as excitement, or through unpleasant or repulsive impressions. Lay the fainting person down, open close-fitting garments and allow accession of fresh air. Cool brow and temples, and in certain cases the region of the heart also, with cold compresses. Treatment as for anæmia.

CONGESTION OF THE BRAIN is observed in conjunction with inflammatory appearances in the region of the head, such as sneezing or throat catarrh; further, in conjunction with severe mental activity, or excessive physical exertion, and after partaking of coffee or alcohol. Obviously, treatment must presuppose abandonment of the actions causing the trouble. An immediate change is effected by radiation of the spine, abdomen, and thigh with the surface or condensor electrode for 3 to 4 minutes, current at first weak, later medium.

EPILEPSY. By epilepsy is meant an ailment in which sudden, sharp muscular convulsions occur, together with complete loss of consciousness on the part of the patient. In addition to medical treatment, nourishment taken should be unstimulating and sparing in meat, and a good deal of time should be spent in the open air. The high-frequency treatment consists of massage radiation of the body, especially the neighbourhood of the vertebral column and the stomach, with the surface electrode, twice daily at first, later 3 times, for 3-4 minutes each time, with medium current.

CONVULSIONS. By convulsions we mean the occurrence of **convulsions of epileptic character** in infants and small children. Sometimes, only **spasms of the glottis and breathing** show themselves, the other muscles remaining unaffected. As there is danger of suffocation, the doctor should be called in at once. The high-frequency treatment, however, is to be begun without delay. Place the neck electrode on the region of the larynx and apply weak current for 3-4 minutes, then for 4 minutes treat the chest with the surface electrode, using medium current. Besides this form of the ailment, muscular spasms with loss of consciousness also occur. In this case, treat as for epilepsy when the patient is free of an attack. A third form of the illness attacks hands and also feet. This calls for **IMMEDIATE** high-frequency treatment. Radiate hands or back of the foot with the surface electrode for 3 to 4 minutes, using weak current. After disappearance of the attack, continue this treatment for some months twice daily. In addition to the high-frequency treatment, see that the children spend ample time in the light, air, and sun. The feeding should consist if possible of mother's milk.

HYSTERIA. The treatment of hysterical subjects must be principally psychological. It demands careful and sympathetic appreciation of the sufferer's mental world. But simultaneous high-frequency treatment can favourably affect the sensory disturbances of the skin and the paralysed or cramp condition of the muscular system. For this, we recommend alternate use of the surface electrode and massage-roller, with weak current at first, later with medium strength. According to the seriousness of the symptoms, treat for 2 or 3 times daily, for 5 minutes each time. Treatment should be quite general at least once daily, the remaining time being devoted to local treatment of the disturbed centre.

NEURASTHENIA, NERVE WEAKNESS, NERVOUSNESS. These are among the most widespread complaints in these hustling and tremendously nerve-racking times. Among the causes are such as physical and mental over-exertion, protracted strain on the emotional life, and an unsuitable mode of life. Before treatment is begun, a thorough examination of the nervous system must be made, so as to prevent the occurrence of any organic change. The high-frequency treatment has a helpful effect. Treat the whole body twice daily; the first time apply the surface electrode, the second time the massage-roller. Radiate for 5 minutes from hands, neck, and back of head over the whole skin, front and back, down to the navel; along with this, radiate for 3 minutes from the feet upwards to the navel; so that each period of treatment lasts in all 5 minutes. During first few days use weak current, and only after that medium strength. In the colder period of the year, treat again a third time, applying the massage-roller. From time to time, apply indirect treatment also with the No. 12G electrode, grasping the latter alternately with the right and the left hand.

INSOMNIA. The cultivation of sleep is an important measure for the maintenance or improvement of health. For insomnia do not use soporifics. Before retiring, a light meal, a little walk, a lukewarm bath or complete wash, but, above all, high-frequency treatment with the surface electrode, using medium current, from the hands to the shoulders for 3 minutes, and for a similar period from the feet to the stomach. After this, 3 further minutes with the massage-roller. Or, charge with the No. 12G electrode for 3 to 4 minutes, holding it alternately in the right and left hand. Calm, deep sleep will soon be again experienced. Avoid stimulants, such as coffee, smoking, etc.

ROGERS VITALATOR IN THE NURSERY

HIGH-FREQUENCY IN CHILD-NURSING. Treatment of the spine with the spinal electrode is of the utmost importance in Infantile treatment, its beneficial and natural life-giving sources being the means of saving considerable child-life, relieving greatly in children's complaints — Measles, Mumps, Croup, Diphtheria, Whooping Cough, Chicken Pox, Infantile Paralysis, Ringworm, etc.

Children may be treated freely with the most wonderful of currents, without the slightest danger, and their young bodies invigorated and made strong and able to resist with greater efficiency the ordinary illnesses of childhood.



HEADACHE AND DIZZINESS. Before beginning treatment ascertain the causes, as otherwise, permanent release from this tiresome and hampering complaint can hardly be expected. **DIZZINESS** is often the forerunner of serious disorders, and when it persists obstinately should lead to early consultation with the doctor. Treat the brow and temples with the surface electrode, the head with the comb electrode, the nape of the neck with the neck electrode or massage-roller. Should the pains proceed from the stomach, then radiate the stomach with the surface electrode for 3-4 minutes with weak, and later medium current. In the evening, treat a second time, and massage with the broad skin electrode the whole body, both upper and lower parts, working always toward the heart; treat for 10 minutes, using medium current. The drainage treatment is also advantageous in these cases.

NERVOUS HEADACHE (MIGRAINE). In contrast to ordinary headache, this takes the form of an attack, and is often accompanied by vomiting. The high-frequency treatment must be carried out regularly every day, and further is of great service during the attack, when the neck should be treated for 5 minutes with the neck electrode and the chest for the same period with the surface electrode, using weak current. Daily treatment is to be undertaken morning and evening, applying medium strength current; treat, each for 3 minutes each time, upper and lower parts of the body with the surface electrode, making strong strokes towards the heart.

NEURALGIA consists in very violent painful attacks confined to the parts around one or a few nerves. Radiate, in addition to the seat of the pain, brow and temples with the surface electrode, the neck region and nape with the neck electrode, head and occipitus with the comb electrode; current weak to medium, duration, 3 to 4 minutes.

FACE-ACHE arises often with gout-seed, or in consequence of lead poisoning, etc. Treatment twice daily with the surface electrode; for the first three days with weak, and then with medium current; 3 minutes each time. Continue the treatment after the disappearance of the pain for a further 14 days, and, as a precaution, repeat frequently.

PAINS IN THE CHEST. Chest pains may be not only a consequence of diseases of the pleura, lungs, and heart, but may also arise as an independent form of neuralgia. Should the trouble prove obstinate, confirmation must be sought from a doctor. Radiation of the painful part with the surface or condensor electrode 3 times daily for 3 minutes, with medium current.

LUMBAGO, SCIATICA. Neuralgia of the hip-nerves is a very troublesome complaint. Pain often increases during attacks to an almost unbearable intensity, and spreads usually downwards from the seat. Radiate twice daily for 3-4 minutes with the condensor electrode along the painful nerve from below upward, using, first medium, and then strong current; after a few days, current as strong as possible.

PARALYSIS. In this affliction, high-frequency treatment is applied purely locally and has proved very effective. Except face-paralysis, all forms of paralysis are treated similarly. Apply medium current, and after becoming accustomed to it, allow considerable sparking. Apply twice daily the surface or condensor electrode, and on a third occasion each day the massage-roller. Treatment must be only applied in the region of the paralysis and its immediate neighbourhood and should last 5 minutes.

PARALYSIS OF FACE-MUSCLES. Symptoms of paralysis on a portion of the face muscles are not infrequent. Most frequently they are caused by catching cold, or by a draught. Treatment for 5 minutes with the neck or surface electrode; medium current.

SPASMS. These are involuntary movements of the muscles. There are two kinds of spasms: those in which there are twitchings, and those in which the muscle remains stiff for some time in a state of tension.

CRAMP OF THE FACE-MUSCLES occurs generally as an attack in the form of sudden, sharp twitchings. When free of attack, the freedom of movement of the muscles is completely normal. Radiate the side affected with the surface electrode 3 times daily for 5 minutes with medium current.

LOCK-JAW is usually the result of cramp of the masticatory muscles. During the attack, radiate with the surface, neck, or condensor electrode the part of the cheek near the ear, using strong current.

HICCUGH. This is the consequence of a diaphragmatic spasm. During the attack radiate with the surface electrode, or massage with the massage-roller, the lower part of the chest for 3 to 4 minutes with medium current. This treatment is also to be undertaken for spasmodic yawning, laughing, weeping and screaming.

REMAINING SPASMODIC AFFECTIONS are similarly treated by radiation with the surface or condensor electrode, or massage with the massage-roller, in close contact with the skin, applying medium current for 3 to 5 minutes, irrespective of the duration of the spasm.

3. Diseases of the digestive organs.

The correct working of the digestive processes is essential for the maintenance of health. Ill-health in one of the digestive organs is never long restricted to itself. Whenever any derangement exists in the disintegration, utilisation, or movement of the food consumed, it soon affects the whole body.

THE REGULAR USE OF ROGER'S BODY MASSAGE ROLLER ENSURES SLIM- MING AND CORRECT DEPORTMENT.

Disorders inside the oral cavity.

MYCODERMITIS. To cleanse the mucous membrane and remove the coating rinse the mouth hourly with lukewarm water. After rinsing, treat with the tongue electrode twice daily for 3 minutes, with medium current. Then place the insulated neck electrode externally upon the neck epiphysis, and treat for 3 minutes each time with weak current.

THRUSH, confined almost entirely to infants, consists of grass-shaped vesicles of fungi on the lining membrane of the mouth. Once a day for 3 minutes external pressure with the insulated neck electrode on the floor of the mouth, with very weak current.

GLOSSITIS. The tongue swells up, is painful, the general health is upset, and usually there is feverishness. Treat with the tongue electrode twice daily for 2 minutes with very weak current. In addition, once a day place for 3 or 4 minutes the insulated neck electrode externally against the floor of the mouth, using medium current.

MUMPS. This inflammation of the parotid gland, popularly described under the most varied names, is particularly rife in damp, cool weather, especially in Spring and Autumn. Treat for 3 minutes twice a day with the ear electrode using weak current, and on a third occasion, treat the neck for 4 to 5 minutes with the neck electrode, current weak to medium.

TEETH TROUBLE. The treatment of teeth troubles is, of course, a matter for the specialist, and the treatment necessary should never be put off. In the case of pain arising suddenly, we possess an excellent means of alleviation in high-frequency treatment. Radiate the painful spot externally with the surface electrode for about 3 minutes with weak current. For inflammation of the gums or the alveolar membrane use the insulated tooth-gum electrode. Before treatment, clean teeth with toothpaste or chalk precipitate and rinse out the mouth thoroughly.

Disorders of the neck and throat.

In the back of the oral cavity and in the pharynx there lie organs consisting principally of ganglion-like tissue. As the "lymphatic circle" they cover the whole inner surface of the throat.

THROAT CATARRH. The acute form is distinguished from the chronic by the greater redness, swelling, and secretion of the mucous lining. Before treatment with high-frequency, gargle with lukewarm water to which a pinch of salt per glass has been added. Treat 2 or 3 times daily according to the severity of the symptoms. Apply once or twice the throat electrode for a minute or two with weak current; the other times, radiate the neck and floor of mouth with the neck electrode for 3 minutes with medium current.



TONSILITIS. The simplest form of tonsilitis is the catarrhal, which is similar in character to throat catarrh and is to be treated like the latter. More serious is the course of purulent tonsilitis, and the doctor should be called in. High-frequency treatment serves to relieve the pain during the violent process of the inflammation and to expedite the complete cure. Radiate, from the outside, floor of mouth and neck with the neck electrode twice daily for 3-4 minutes, using medium current, and further once a day for 2 minutes with the tongue and throat electrode, with very weak current.

GOITRE. Treat the sick part with the surface electrode; also indirect massage of the neck. Occasional treatment also with the large cataphoric electrode, which is first filled with cotton-wool and the latter soaked with a 10 per cent. iodine-potassium solution.

Stomach-Disorders.

In cases of disorders of the stomach, it is essential to pay special attention to diet. It is impossible to give here advice of general applicability. A sick stomach must be given the utmost possible care. Take very little liquid; avoid cold and alcoholic beverages, tobacco, stimulants such as coffee, pepper, etc. Unstimulating mixed fare, vegetables and fruit, are good.

ACUTE STOMACH CATARRH. The chief symptoms of acute stomach catarrh are nausea and loss of appetite, often accompanied by vomiting. The high-frequency treatment must be undertaken in conjunction with dieting. Radiate twice daily for 3 minutes the region of the stomach with the surface or condensor electrode, turning on first weak current and gradually increasing to medium strength, and afterwards treat for 2 minutes each the back and abdomen.

CHRONIC STOMACH CATARRH. Chronic stomach catarrh develops from the acute form if the latter is neglected, or it arises very gradually as a consequence of frequent use of alcohol, tobacco, etc. Treatment consists of strict observance of the above-mentioned general advice on diet. High-frequency treatment as for acute stomach catarrh.

STOMACH DEBILITY, a condition in which the stomach is permanently dilated on account of the diminution of the astrictive power of its muscular strata. With the massage-roller massage the whole of the abdomen 3 times daily for 3-4 minutes with medium current.

NERVOUS DEPRESSION OF THE STOMACH. This is generally a form of difficult or retarded digestion. Usually, in addition to the indigestion, there are evidences of participation of the nervous system in the matter, so that nervous disorder may be suspected. Nevertheless, the treatment should be in accordance with the general advice for stomach trouble, and furthermore that given for nerve weakness. Radiate the stomach region with the surface electrode twice daily, each time for 3 minutes, adding 3 minutes' treatment of the abdomen and back. Continue this for some time.

STOMACH CRAMP takes the form of attacks of stinging, cutting pains in the region of the stomach. The cause can generally be traced to nerve trouble, anæmia, or female disorders. On an attack, immediately radiate the stomach region with the surface electrode for 5 minutes, at first with weak current, and after 3 minutes with medium current.

GASTRIC ULCER. In longstanding or difficult cases, the calling in of medical advice should not be put off. In any case, high-frequency treatment is to be recommended in addition to the special stomach treatment ordered. Radiate back and stomach region 3 times daily for 3 minutes with the surface electrode, using only weak current.

Intestinal diseases.

Disorders of the intestinal canal are not confined in their effects to the organ affected, but rather, the altered course of the digestive processes caused by intestinal trouble soon becomes evident throughout the whole of the body.



ACUTE INTESTINAL CATARRH. The cause lies mainly in unwholesome constituency of the food consumed. For treatment, we recommend the use of an enema and a period of fasting. Begin immediate high-frequency treatment. If attacks of pain are particularly severe, treat for at least 3 times a day for 3 to 4 minutes the whole surface of the abdomen with the surface electrode, or, if desirable, the massage-roller; current to be medium strength.

CHRONIC INTESTINAL CATARRH. Chronic intestinal catarrh may remain after acute catarrh has died away, or it may develop as a result of frequent irritation of the intestinal mucous lining. Regulate mode of life, and diet; in the morning, before a meal, and in the evening after a meal, take a cup of hot peppermint-tea. The high-frequency treatment is to be applied to the abdomen twice a day for 5 minutes with the surface or condensor electrode, with medium current.

COLIC (abdominal pains occurring in attacks; generally they are particularly sharp in-the neighbourhood of the navel). The causes are, on the whole, the same as in acute intestinal catarrh. Treatment by injection of tepid camomile (about 85 deg. Fahr.) by means of the enema, followed immediately by high-frequency treatment. At each attack treat the painful part for about 3 minutes with the massage-roller, with medium current.

SUMMER CHOLERA (in children). As a child's body has less capacity for resistance, the causes, which in adults lead to harmless intestinal catarrh, may occasion the severe and serious illness which is termed summer cholera on account of its chief symptoms. Treatment is so difficult and responsible that a doctor should at once be called into consultation. In addition, high-frequency treatment may be applied for its soothing effect. Treat the abdomen twice daily for 3 or 4 minutes with the surface electrode, using very weak current.

CONSTIPATION. To treat this, it is indispensable to stimulate the functioning of the bowels by a diet abundant in vegetables and fruit. There should be ample physical activity. Treat the abdomen twice daily for 5 minutes with the condensor or massage-roller, which must be firmly pressed on; at the beginning apply weak current, making it stronger soon after. Furthermore, once a day insert a well-oiled rectum-electrode into the bowel after it has been emptied either naturally or by means of an enema, and allow weak current at first and then medium to work for 3 minutes. The insertion is most conveniently carried out when the patient is lying on his side with knees drawn up and is breathing deeply through the open mouth.

HAEMORRHOIDS. Haemorrhoids are knot-shaped dilations of the blood-vessels of the bowel and anus. Treatment as for constipation.



Diseases of the liver and gall-ducts.

Diseases of the liver and gall-bladder are difficult for the layman to diagnose, and require therefore medical advice. Still, as a supplementary measure, high-frequency treatment has invariably answered well. Radiate the region of the liver twice daily for 3 minutes with the surface or condensor electrode, applying medium current.

JAUNDICE. Jaundice may easily be recognised by the discoloration of the white of the eye and the skin. The cause must be looked for in inflammation of the gall-bladder or the intestinal membrane, or may be due to obstruction of the gall-ducts from gall-stones. Treat the abdomen with the massage-roller for 3 minutes 3 times daily, with medium current.

GALL-STONE COLIC. When gall-stones meet an obstacle on their way through the gall-ducts, violent attacks of pain generally occur. High-frequency treatment affords relief. Radiate the painful part for 3 to 4 minutes with the surface or condensor electrode, using at first weak current, and medium strength after a few minutes.

4. Assimilative disorders.

To these appertain diseases due to irregularities in the assimilative processes. Their treatment must consequently first of all consist in eliminating disorders in the body.

OBESITY may be due to disorders not easily diagnosed. It often arises on account of rich feeding, and specially through taking excessive liquid nourishment along with insufficient physical activity. High-frequency treatment cannot be successful if such a mode of living continues, but in conjunction with a thorough change of manner of life is of great value. Treat twice a day for 3-4 minutes with the massage-roller, applying medium to strong current; the first time, both upper and lower parts of the body are to be radiated, the second time abdomen only. Every third day spark-radiation of the whole body, especially stomach and back, with the surface electrode. If there is a heart weakness, further radiate the region of the heart once a day with the heart-spiral electrode. Occasional charging with the No. 12G saturator electrode.

GOUT. Treatment of gout must likewise be very thorough and cannot be carried out without advice. In very painful attacks, however, high-frequency treatment affords wonderful help. The high-frequency treatment is applied to the joint and the parts around. Radiate the skin strongly with the surface or condensor electrode for about 3-4 minutes during the attack, otherwise up to 3 times daily for 5 minutes. Once or twice a week radiate the whole body, using medium current.

DIABETES. This disorder of the saccharine assimilation, sometimes of minor, at other times of greater, significance, requires immediate professional treatment. Often there is troublesome pruritus, which is very agreeably alleviated by high-frequency treatment. Treat the itching parts every time for about 3 minutes with the surface electrode, using medium current.

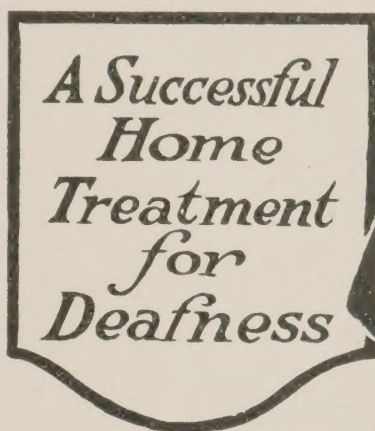
5. Anæmia and Chlorosis.

In anæmia and chlorosis the chief factor is the considerable diminution in the quantity of the red colouring matter in the blood. The main causes are unsuitable food and lack of air and sunshine. Obviously, the patient must first of all give attention to both these points. High-frequency treatment to be applied generally. Radiate the body 3 times daily with the surface electrode: the upper part of the body the first time, the second time the lower part; the third time treat the whole body with the massage-roller. In addition, ozone-inhalation every second day for $\frac{1}{2}$ to $\frac{1}{2}$ minute, and occasional indirect charging treatment for 2 to 3 minutes.

6. Disorders of the breathing organs.

Ailments of the air-passages frequently receive too little attention and then lead to head-pressure and headache and other troublesome symptoms injurious to health.

NASAL CATARRH is catarrhal inflammation of the mucous membrane of the nose. About 3 times a day radiate with the surface electrode over the bridge and root of the nose and the brow, each time for 3 minutes with medium current. Then introduce the nose electrode, well oiled, into the nose, and allow weak current to act directly upon the mucous lining twice daily for 3 minutes.



HAY-FEVER occurs only at the time of grass pollination. High-frequency treatment as for ordinary nasal catarrh. In order to increase future capacity for resisting this unpleasant ailment, undertake 3 times a day regular treatment, as above, of the nasal membrane with the insulated nose electrode.

NOSE BLEEDING. If nose bleeding is of frequent occurrence, undertake regular high-frequency treatment. Radiate twice daily for 3 minutes the nape of the neck and bridge of the nose with the surface electrode, using medium current. During the bleeding bend the head backwards and radiate nape of neck and shoulder.

ACUTE CATARRH OF THE LARYNGEAL ARTERY manifests itself by the voice becoming suddenly husky or hoarse, often quite aphonus. Treat the neck, chest, and back with the neck and condensor electrode for 3 to 4 minutes twice daily with medium current. For this ailment, still further good service is rendered by the ozone-inhaler; 8 inhalations twice a day.

CHRONIC CATARRH OF THE LARYNGEAL ARTERY. The chronic form shows itself by a feeling of dryness and by a tickling in the neck. Treatment as for acute catarrh.

ACUTE BRONCHIAL CATARRH is almost always accompanied by a rise in temperature. Prolonged irritating cough and expectoration occur increasingly. Radiate chest and back with the surface or condensor electrode twice daily for 5 minutes with medium current; in addition, 10 inhalations twice daily of ozone-inhalation. The inhalation treatment has a particularly beneficial effect upon the course of this ailment. Stronger treatment: radiate the neck with the neck electrode and place the tongue electrode on the tongue and breathe in with the mouth. Here, too, inhalation is recommended.

CHRONIC BRONCHIAL CATARRH may be recognised by longstanding cough-irritation, beginning generally in the early morning, but also occurring when there is a rapid change in the temperature of the air. Treatment as for acute catarrh.

INFLUENZA. This ailment, which occurs in the most varied forms, may be advantageously combated by high-frequency. Treat forehead, temples, and cerebellum by gentle radiation with the surface electrode. Indirect radiation is also very useful. As a secondary treatment, radiate trunk and legs.

ASTHMA. Attacks of difficult breathing. They arise through spasmodic contractions of the bronchial muscles, and occur mostly at night. During the attack place the condensor electrode on the chest and allow weak current to act for 3 minutes. After this, treat for 3 further minutes neck and back with the surface

electrode, using medium current. For this complaint ozone-inhalation is important; begin with 3 inhalations, increasing daily up to 15 (not more). Do not give up the treatment when free of attacks: radiate chest, back, and abdomen for 3 minutes each with the surface or condensor electrode.

SWOLLEN GLANDS. Direct radiation of the glands with the surface electrode for a few minutes, with medium current.

7. Diseases of the heart and blood-vessels.

As the heart provides for the circulation of the blood within the body, heart trouble is not confined to itself, but also leads to disorders of a general character.

DISORDER OF THE CARDIAC MUSCLES: Impaired blood-circulation due to failure of the heart's functioning. Radiate twice daily for 3 or 4 minutes with the heart electrode, using weak current, and once daily with the massage-roller.

OVERSTRAIN AND WEAKNESS OF THE HEART. Treat the heart region for 3 minutes with the heart electrode, using weak current; after this, radiate from the feet or the pelvis up to the heart once or twice a day for 3 minutes with the surface or condensor electrode, with medium current.

NERVOUS HEART-DISORDER (HEART NEUROSIS). The treatment is fundamentally that of the nervous condition; but the advice applicable to heart diseases in general must also be borne in mind. High-frequency treatment as for heart weakness, and in addition occasional indirect charging for 2 or 3 minutes with weak current.

HARDENING OF THE ARTERIES is a sign of age, which, though it cannot be arrested, may be postponed. Manner of life should be extremely temperate, bowel functions regular; constant use of alcohol, tobacco, coffee, etc., to be given up. Radiate once a day for 3 minutes with the surface or condensor electrode the whole body, front and back, always towards the heart; further, occasional charging for 2 or 3 minutes.

VARICOSE VEINS: these are veins in the legs which are distended, stand out bluish, generally tortuous, caused by obstructed blood circulation. Radiate twice daily for 3 minutes with the surface electrode; later on, with the condensor electrode and massage-roller; medium current.

BAD LEGS. Treatment as for varicose veins and herpetic eruptions.

8. Eye and Ear affections.

INFLAMMATION OF THE EYELID. Carefully bathe the eye several times a day with lukewarm camomile-tea. High-frequency treatment: Once or twice daily for 2 or 3 minutes with the eyelid electrode, using mild current.

STY. Place overnight on the sty a handkerchief damped in camomile-tea. Apply high-frequency treatment with the eyelid electrode twice daily for 2 or 3 minutes using weak current, or treat with the cautery electrode.

CATARRH OF THE CONJUNCTIVA. The eye is very red, waters copiously, often emits matter. High-frequency treatment: twice daily for 4 minutes with eye electrode, using weak current.

EAR TROUBLES AND DEAFNESS. Carefully introduce the ear electrode No. 5 into the auditory canal and apply weak current twice daily for 3 minutes in conjunction with ozone-inhalation see paragraph No. 5.

BOILS IN AUDITORY CANAL are very painful. High-frequency treatment 3 or 4 times a day. Treat with the ear electrode for 1 minute each time, using weak current.

SEXUAL DEBILITY, IMPOTENCE. Radiate the sexual organs for about 5 minutes with the surface or penis electrode, beginning with mild current and gradually increasing. In the case of a female patient, radiate the abdomen with the surface electrode and for internal treatment use the vaginal electrode, the treatment to be applied by the doctor.

CARE OF THE EYES. For eye-treatment, bathe the eyes with lukewarm camomile at night. Then treat the eyes for 3 to 4 minutes with the eye electrode, applying weak current, occasional indirect charging treatment of the whole body.

Heart treatment with the spiral heart electrode No. 23 for heart trouble, or after severe exertion in sport, etc.

10. Skin and Hair affections.

In the case of long-standing skin disorders, a diet scanty in meat must be adopted and regular high-frequency skin-massage with massage-roller.

SKIN IMPURITIES (Black-heads, pimples, etc.). See under Beauty culture.

SKIN DISFIGUREMENTS (Freckles, moles, corns, etc.). See under Beauty culture.

BOILS. By boils we mean acute inflammation of the glands of the skin and hair-follicles. Should numerous boils constantly arise, then we speak of a **FURUNCLE**; should several boils close together overflow into each other, then we have a **CARBUNCLE**. In such cases, medical advice should at once be sought. High-frequency treatment is undertaken in the immediate neighbourhood of the boil 2 or 3 times daily with the No. 26 or 27 electrode. Work over the boil for about 3 minutes, applying mild to medium current. A third time per day allow sparking upon the middle of the growth for about half a minute. Continue this treatment until the boil has come to a head. Generally it will not develop so far, but if it does, then open it with the cautery electrode, placing its wire-point about 1/20in. away from the yellowish head of the gathering; then let the sparks act upon this for a very short period. This causes the boil to open and the pus begins to flow out.

ECZEMA, HERPES, PRURITUS. In radiating skin-diseases, it is necessary to wrap the surface electrode in a piece of clean linen, so as to obtain slight fulguration and to impart ample ozone to the skin. A fresh linen-cloth must be used for every radiation. Apply weak current for 3 minutes twice daily.

11. AFFECTIONS OF THE URINARY ORGANS.

These diseases usually develop slowly and have a lingering course; at the outset, they cause only slight general discomfort, such that the sufferer is unaware of urinary disorder.

INFLAMMATION OF THE KIDNEYS. This is to be regarded as serious, and a doctor should be consulted. The process of recovery can be materially accelerated by high-frequency. Treat 3 times daily the lower parts of the back with the surface electrode (later on with the condensor), each time for about 3 to 4 minutes, current at first medium, later strong. Or indirect treatment (massage) of the kidney area, in conjunction with radiation with the condensor Electrode No. 14.

KIDNEY STONES, the presence of which is first suspected when there is a sudden attack of kidney colic. Consult a doctor. Immediate high-frequency application will relieve the pain. Radiate especially the painful kidney area with the surface electrode, and then also the whole of the side of the abdomen as far as the groin for at least 5 minutes, using medium current.

RETENTION OF URINE: inability to pass urine. Immediately consult your doctor. High-frequency treatment is best undertaken with the condensor electrode. Place it in the region of the bladder and treat with weak current for about 5 minutes.

BLADDER-WEAKNESS; BED-WETTING. In order to strengthen the membrane of the bladder, the latter must temporarily be spared, and the flow of liquid to it must be limited to the utmost. Treat twice daily for 3 to 4 minutes with the massage-roller, using weak current in the first few days, and then medium strength. After emptying the bladder, move the electrode to and fro in the bladder area, massaging vigorously.



ROGERS
VITALATOR AS
AN AID TO
BEAUTY-
CULTURE.

*Take Nature's
Course of
Beauty
Treatment*



*Our VITALATORS are used and recommended
by all leading Hairdressers and Beauty Specialists.*

With the aid of high-frequency application, beauty-culture has made extraordinary progress, as well-tried results have already shown. Treatment consists principally in general attention to the skin, especially that of the face, eyes and hair.
Care of the skin.

The value of skin culture for the maintenance of the health of the body was already known to the ancients, for they devoted attention to thorough care of the skin, especially by exposing the body to the natural requirements for health, viz., air, light and sunshine. Stimulation of skin functions means for the body relief for the lungs, relief for the kidneys, better regulation of blood circulation, stimulus to increased formation of blood, strengthening of the processes of assimilation, and finally increased elimination of digestive by-products.

Make a habit of regularly treating the whole of the surface of the skin for about 3 to 4 minutes once a day with the surface electrode. For this, apply the electrode with medium-strength current and with it stroke downwards towards the heart. For very loose muscles, use the massage-roller, which must be firmly pressed on. In bad weather and in the cool season this treatment should be undertaken twice a day.

UNHEALTHY SKIN. Food to be dieted; air and sun baths; in winter, vapour baths. Radiate the whole of the unhealthy skin region and its immediate neighbourhood twice daily for 3 to 4 minutes with the surface electrode, using weak current, but for skin marked with scars, current should be medium to strong. In addition, purely local treatment with the cautery electrode.

LINES AND WRINKLES on the face are not always signs of age. Radiate the face from the chin upwards, to right and left, twice daily for 2 or 3 minutes with the surface electrode. Separate treatment occasionally of individual wrinkles with the massage-roller. High-frequency massage tightens and smooths the skin.

SWELLINGS. Purify the blood by means of ozone-inhalation, in conjunction with radiation of the region around the affected parts with the surface or condensor electrode, 2 or 3 times daily for 3 to 4 minutes with medium current.

ULCERS and ERYTHEMA. Treat as for Boils.

COLD FEET are indications and manifestations of illnesses of various kinds. To achieve a more vigorous blood circulation, radiate legs and feet energetically with the surface or condensor electrode No. 14.

WOUNDS AND INFLAMMATION ARISING FROM THEM can be favourably affected by high-frequency. Apply the wound electrode with deepened ray-surface No. 24.

CHILBLAINS. Radiate the swollen parts 3 times a day for 3 to 5 minutes with the surface electrode, later on with the condensor, using medium current. After-treatment with the massage-roller No. 42.

*"Woman is as old as
she looks,
Man is as old as he feels."*

We have all heard this old adage many, many times. It is true, and we all know it. With the use of the **Rogers Vitalator**, every cell, every nerve, every fibre of the body is invigorated, stimulated and helped by Nature's own agent to resume normal functions.



Her lovely hair! — His joy!

FRECKLES, MOLES. These are irregular agglomerations of the skin pigments. **FRECKLES** are the size of lentils, dark, and do not stand out on the skin. **MOLES** project more or less beyond the upper surface of the skin and have a light or dark brown appearance. Treat with the cautery electrode for a few seconds, using medium current, until gradually the places turn white.

SCARS AND PROUD FLESH. Treat as above.

WARTS. Treatment as above, but only until the wart turns white on the top. Longer radiation serves no purpose and may only cause pain. It is better to repeat the radiation a time or two. The wart then comes out by itself.

CORNS. Treat as above. Using mild current, spark the corn only until it becomes white on top. Treat very cautiously.

HAIR-TREATMENT is to be undertaken daily with the comb electrode. Treatment with weak current should last from 3 to 4 minutes, according to the condition of the scalp and hair. Furthermore, give air and light free access to the hair, wash the latter weekly with good tarsoap, afterwards massaging the scalp for a few minutes with damp finger-tips.

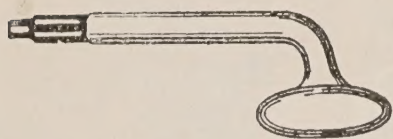
ALOPECIA, DANDRUFF. Where there is considerable formation of dandruff, which is usually followed by falling hair, it is desirable to obtain the utmost possible circulation of blood to the roots. High-frequency treatment is admirably suited for this purpose. Radiate the scalp 3 times a day for 3 minutes, with the comb electrode, applying medium current.

A WELL-DEVELOPED FIRM BUST undoubtedly forms part of the ideal conception of feminine beauty. A course of high-frequency treatment carried out with this aim in view, can be of service in cases where Dame Nature has been somewhat niggardly. Start with circular radiation around the breasts with the skin-surface electrode, using weak current. At the outset radiate each breast for about 2 minutes, increasing later to 3 minutes. Keep the electrode in constant close contact with the skin, but do not touch the nipples. After this preliminary treatment, place the hollow-shaped breast-developer electrode over the breast and let the current quietly act on the latter for about 1 minute.

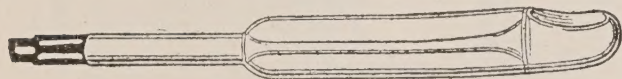
AFTER SHAVING. In conclusion, let us refer to the application of high-frequency after shaving. In order to give a soothing effect to the smarting and tightness of the skin often experienced after shaving, dry the skin completely and apply the surface electrode lightly to it. The smarting of the skin will soon subside. The production of ozone occasioned by the treatment will also have a germicidal and beneficial effect upon the skin. Further, in cuts, the bleeding can be immediately stopped by sparking with the electrode: this causes the blood to clot at once.

STANDARD ELECTRODES FOR HIGH-FREQUENCY VITALATORS

Prices as shown on Enclosed Coloured List.



No. 1. Surface Electrode (Plain).



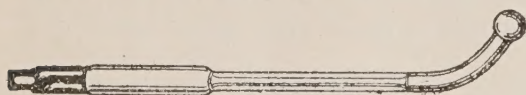
No. 2. Vaginal Electrode, special insulated



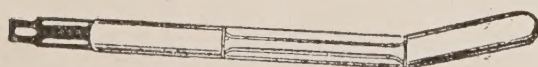
No. 2a. Vaginal Electrode, insulated and perforated for Ozonising.



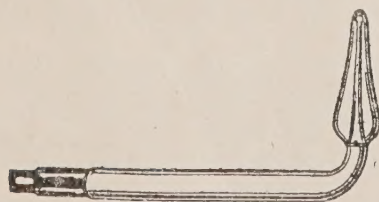
No. 2b. Vaginal Electrode, insulated with perforations and projection piece with bellows attached, complete.



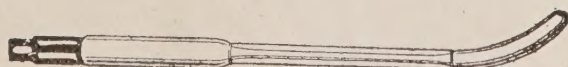
No. 3. Throat Electrode, insulated.



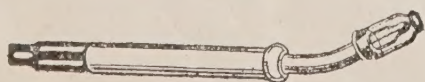
No. 4. Rectal Electrode, insulated.



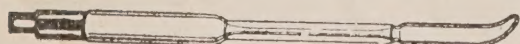
No. 5. Ear Electrode, insulated.



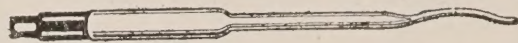
No. 6. Urethral Electrode, insulated.



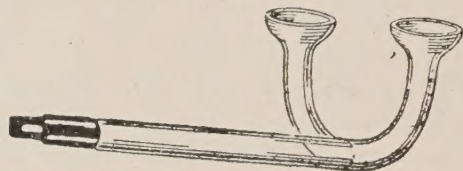
No. 7. Cauterizing Electrode, insulated.



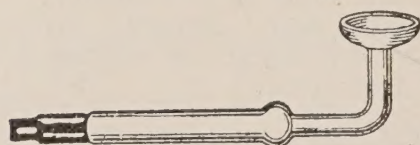
No. 8. Nasal Electrode, insulated.



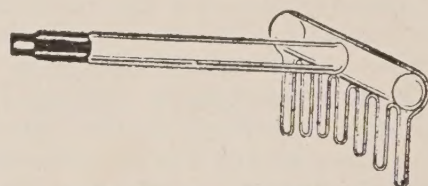
No. 9. Eyelid Electrode.



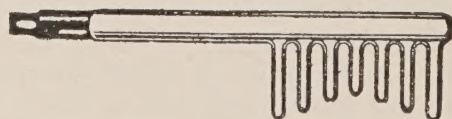
No. 10d. Eye Electrode (Double Plain).



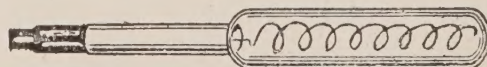
No. 10s. Eye Electrode (Single Plain).



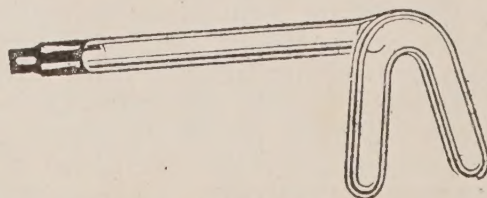
No. 11a. Rake Electrode (Plain).



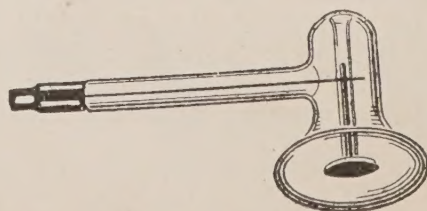
No. 11b. Comb Electrode (Plain).



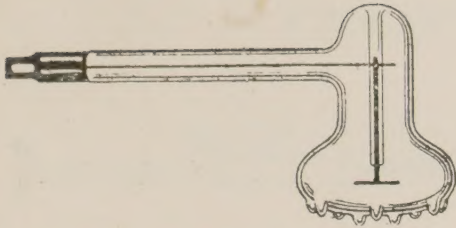
No. 12. Glass (Saturator) Electrode.



No. 13. Spinal (Plain) Electrode.

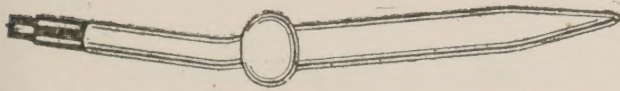


No. 14. Condensor Electrode (special), Large surface.

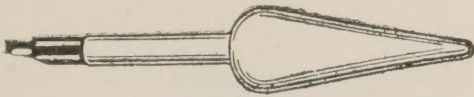


No. 14p. Condensor Electrode, special for extra vigorous treatment.

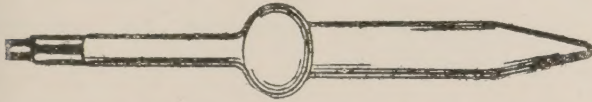
No. 15. Ozone Inhaler, illustrated over-leaf.



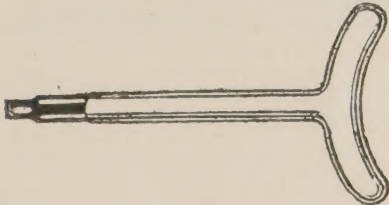
No. 16. Rectal Electrode.



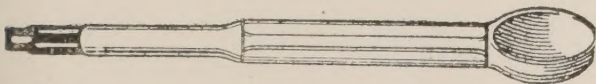
No. 17. Rectal Electrode, conical shape.



No. 18. Hemorrhoid Electrode, diameters 6/10in., 9/10in., or 1.1/10in.



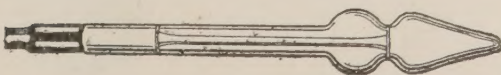
No. 19. Special Electrode for all Curved parts of the Body.



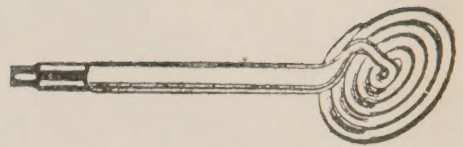
No. 20. Prostate Electrode, insulated.



No. 21. Rectal Dilator, diameters 6/10in., 9/10in., or 1.1/10in., for simultaneous treatment of internal and external hemorrhoids.



No. 22. Rectal Dilator, insulated, diameters 6/10in., 9/10in., or 1.1/10in., for internal hemorrhoids.



No. 23. Spiral Heart Electrode.



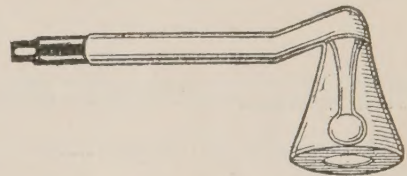
No. 24. Wound Electrode with recessed surface for treatment of wounds.



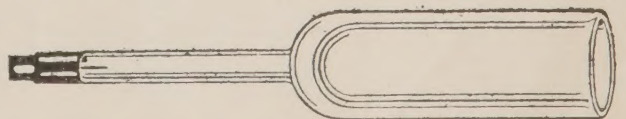
No. 25. Breast Developer Electrode, concave shape.



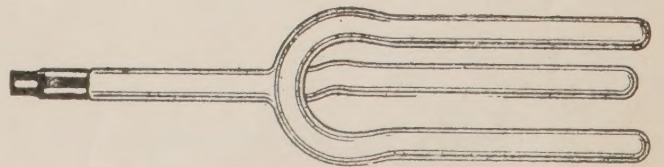
No. 26. Cataphoric Electrode, indented to hold absorbent Cotton Wool.



No. 27. Cataphoric Electrode, large shape.



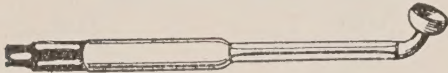
No. 28. Penis Electrodes, special, per pair complete.



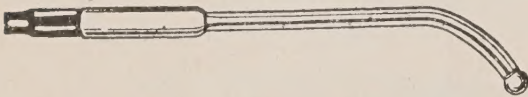
DENTAL ELECTRODES



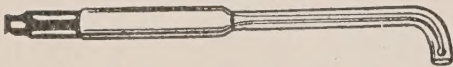
No. 29. Dental Electrode with flat surface.



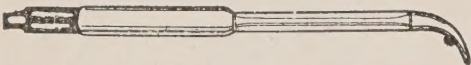
No. 30. Dental Electrode, indented to hold absorbent Cotton Wool.



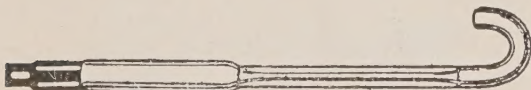
No. 31. Dental Electrode with ball shaped top, specially for treatment of pyorrhea.



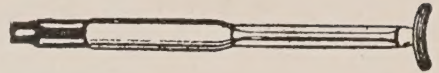
No. 32. Dental Cataphoric Electrode.



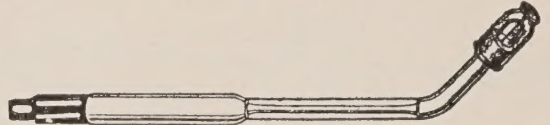
No. 33. Dental Electrode, pointed for cavity work.



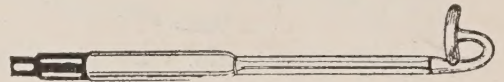
No. 34. Dental Electrode for internal Gum treatment.



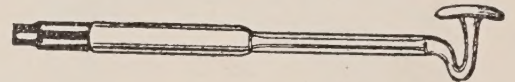
No. 35. Dental Electrode for treatment of front Gums.



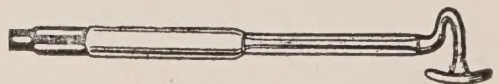
No. 36. Dental Electrode Cautery.



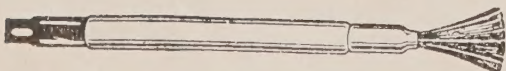
No. 37. Dental Electrode for internal treatment of the Gums or Jaw.



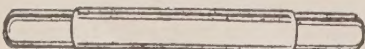
No. 38. Dental Electrode for treatment of Left Jaw.



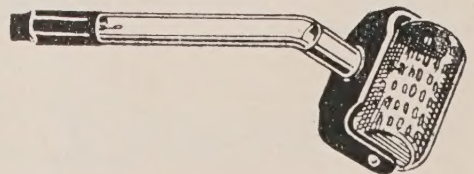
No. 39. Dental Electrode for treatment of Right Jaw.



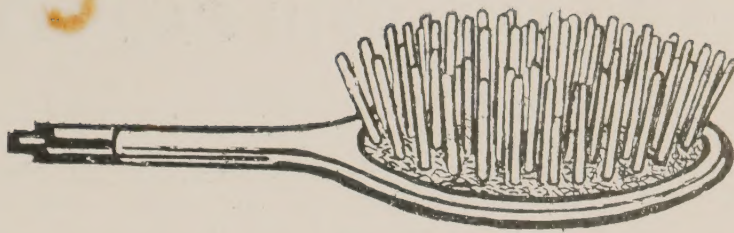
No. 40. Nerve Brush.



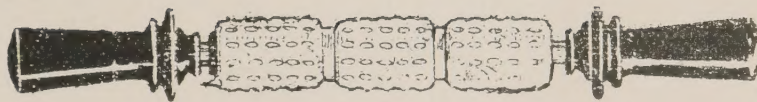
No. 41. Test Tube.



No. 42. Roller Massage.
Neon Electrode 1½ in. long by 1 in. diameter.

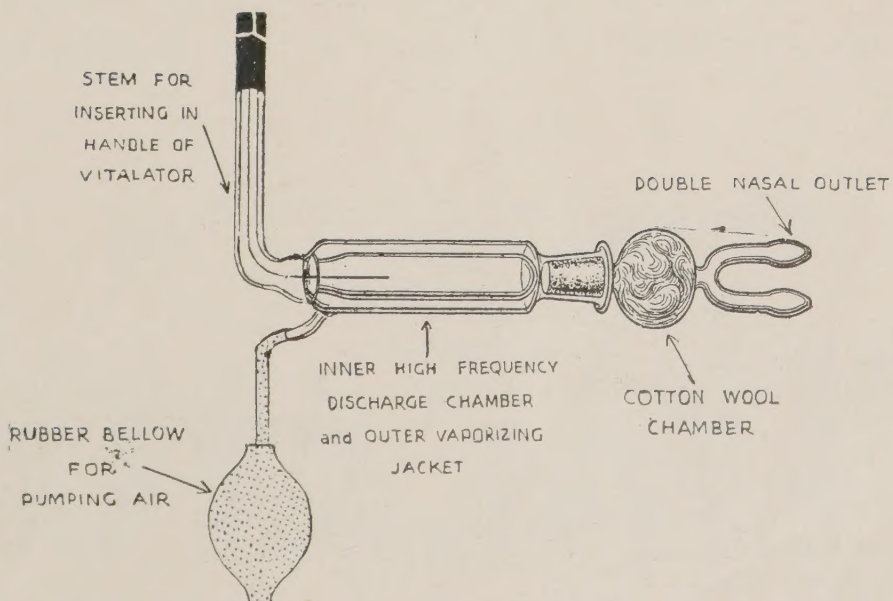


No. 43. Hair Brush Electrode.



No. 44. Obesity Roller Massage Neon Electrode, 7in. long by 1½in. diameter.

No. 45. Obesity Roller Massage Rubber Electrode, 7in. long by 1½in. diameter.



No. 15. Ozone Inhaler with Rubber bellow and Pine Oil Complete.

ELECTRODES AND THE CARE OF THEM

Electrodes are vacuum-tubes which consist of a variously-sided, hollow glass body, shaped to correspond with the particular purpose for which it is used. The hollow space in the glass has been sufficiently pumped free of air for the vacuum to provide the best conductivity for the electric current. When the Vitalator is adjusted the current is conducted through weak gas which is enclosed in the hollow glass, and by this means the otherwise very hard effect of the high-frequency current is toned down to correspond with the adjustment of the current. The passage of the electric current through the weak gas is indicated by a strong show of light, which may vary according to the height of the vacuum and the kind of gas enclosed in the electrode.

Cleansing of the electrodes.

The cleansing of the electrodes after use must be carefully and regularly undertaken. Generally it will suffice to rinse the electrode occasionally with lukewarm water and leave to dry in the air. In addition, it is advisable to occasionally cleanse with methylated spirit. In the case of skin affections, wounds, and infectious diseases, regular cleansing with methylated spirit is essential. Lysol may, of course, also be used.

Neon-electrodes.

As already mentioned, there are electrodes filed with neon-gas, which light up bright red when the current passes through. These electrodes, used with weak current, have a strikingly mild radiation, so that in cases of itching, etc., they may be applied with particular advantage. With stronger adjustment, however, they produce a very intensive current. As is well known, the electric current finds in these neon-electrodes much greater conductivity than in the vacuum electrodes. **Electrodes are not guaranteed for any specific period.**

Be wary and discreet, do not be influenced to purchase what pertainingly in appearance may look like a Rogers High-frequency Vitalator, none are genuine without a replica of this Name Plate :—

ROGER'S
ELECTRO MEDICAL
APPLIANCE
VIOLET RAY HIGH FREQUENCY
VITALATOR

**SATISFACTION
GUARANTEED**

**BRITISH
MANUFACTURE**

The SECRET of
HEALTH & BEAUTY



ROGERS
VIOLET RAY
VITALATOR

*Awarded Gold Medals at the
International Exhibitions, Ant-
werp, 1930 and Brussels, 1935,
and other awards at various
Exhibitions throughout the
United Kingdom.*

HEALTH IS WEALTH HIGH FREQUENCY YOUR SAFEGUARD

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SOUTHAMPTON ROW, LONDON, W.C.1**

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**OFFICES & SHOWROOMS,
59 SHAFTESBURY AVENUE
PICCADILLY CIRCUS, LONDON, W.1.**

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